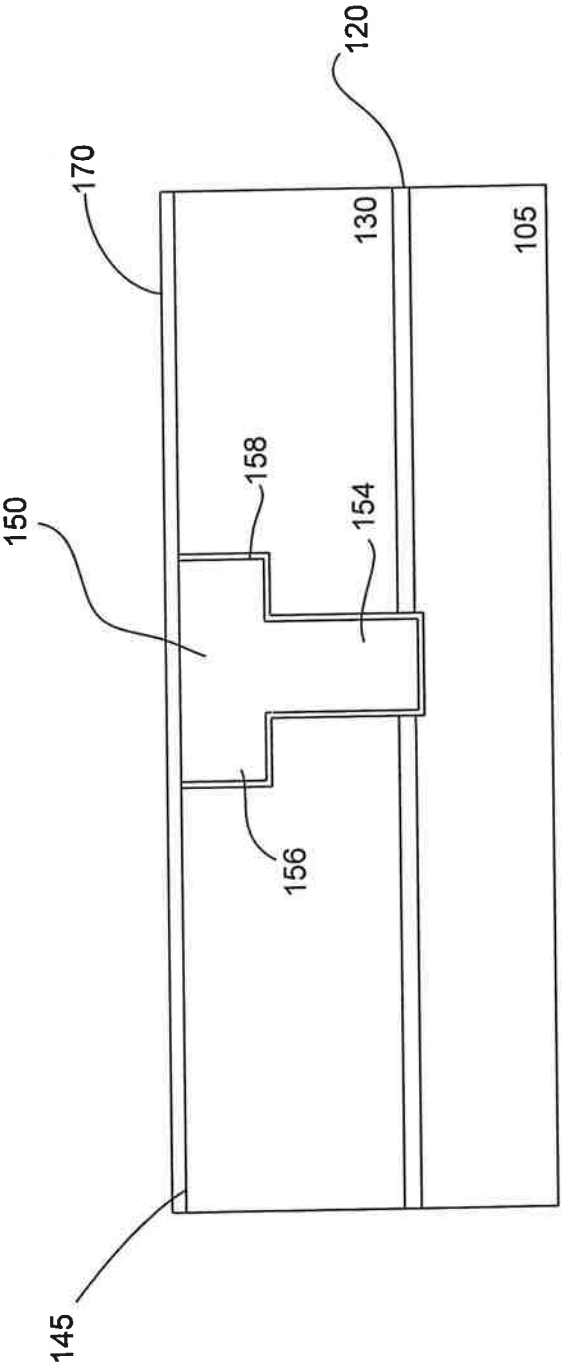



Fig. 1

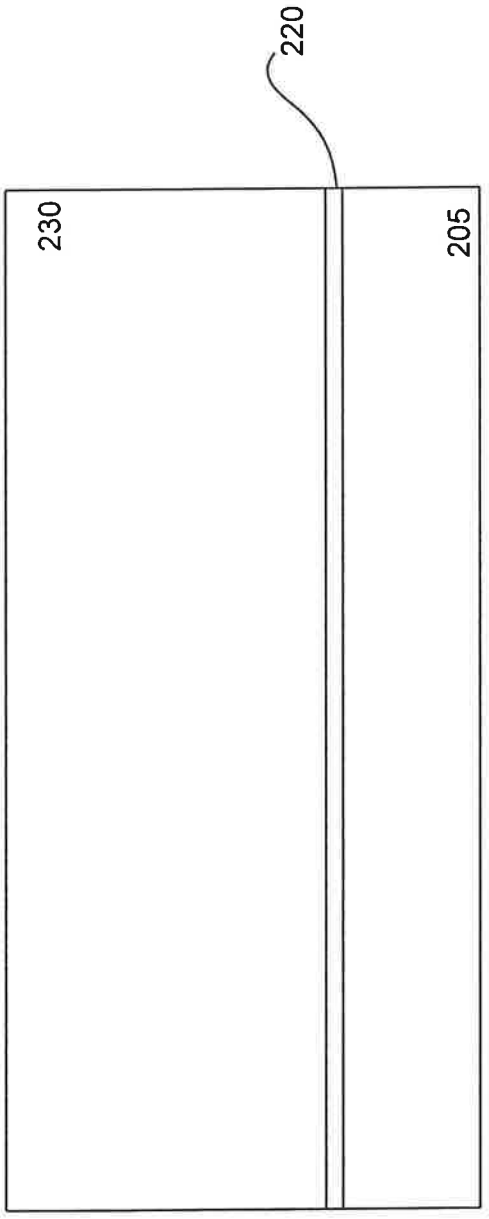



Fig. 2a

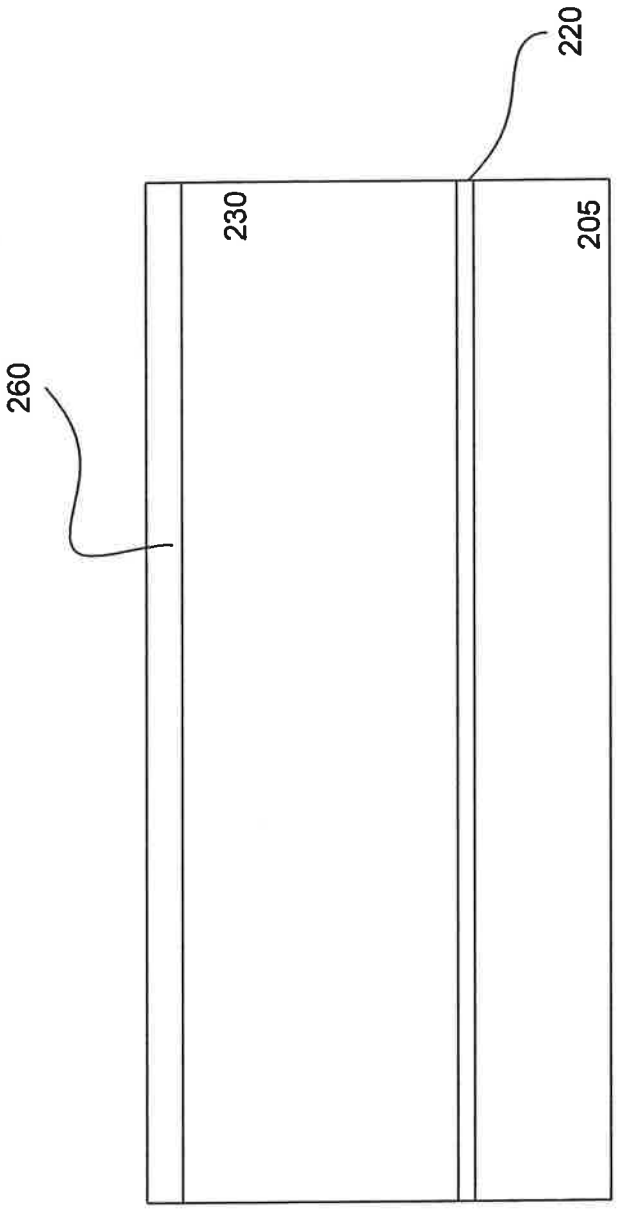



Fig. 2b

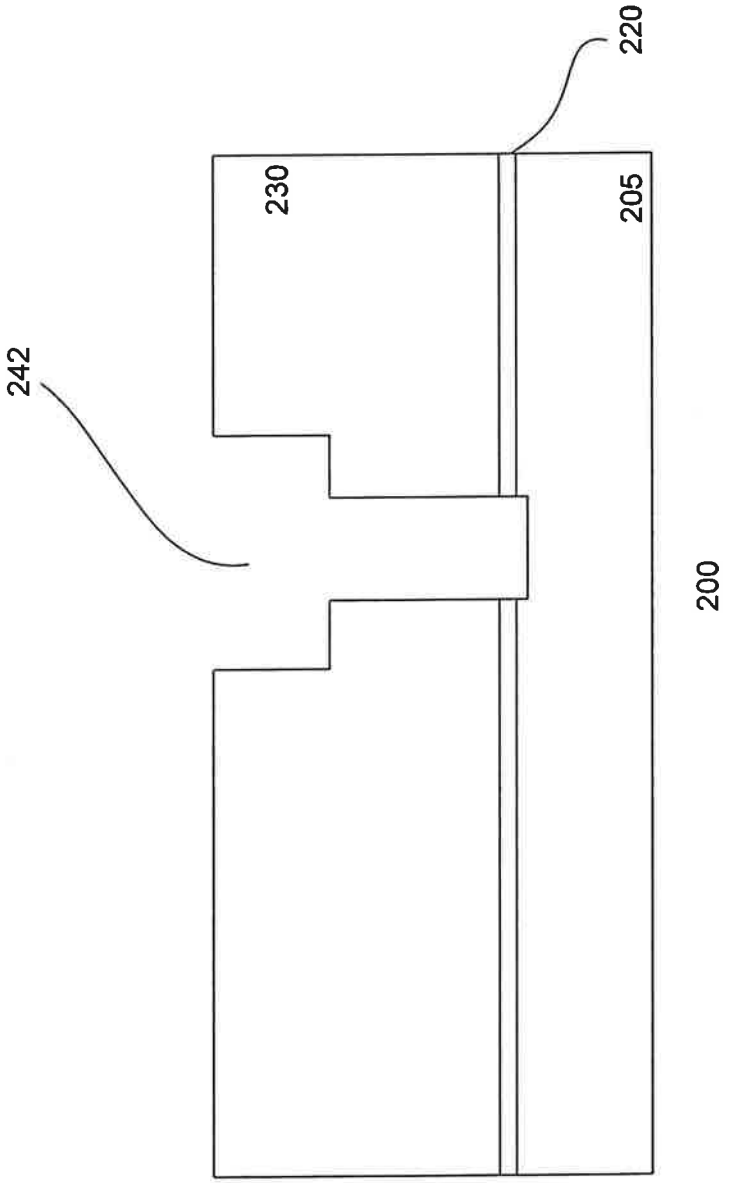



Fig. 2c

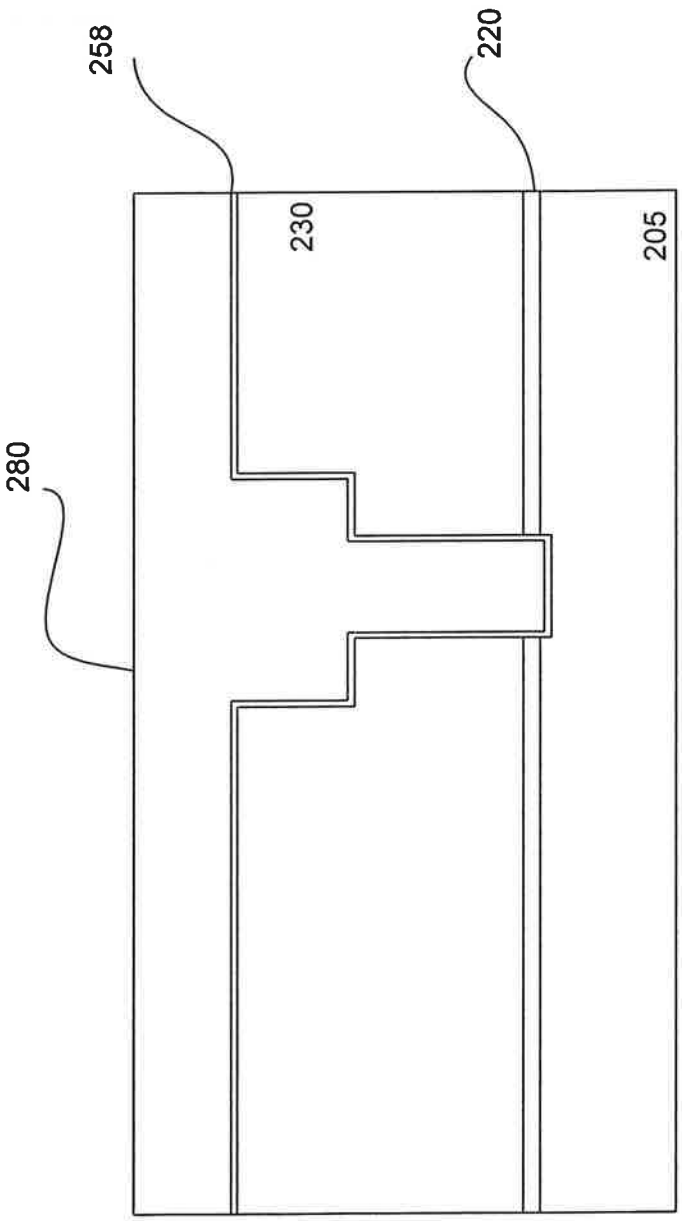



Fig. 2d

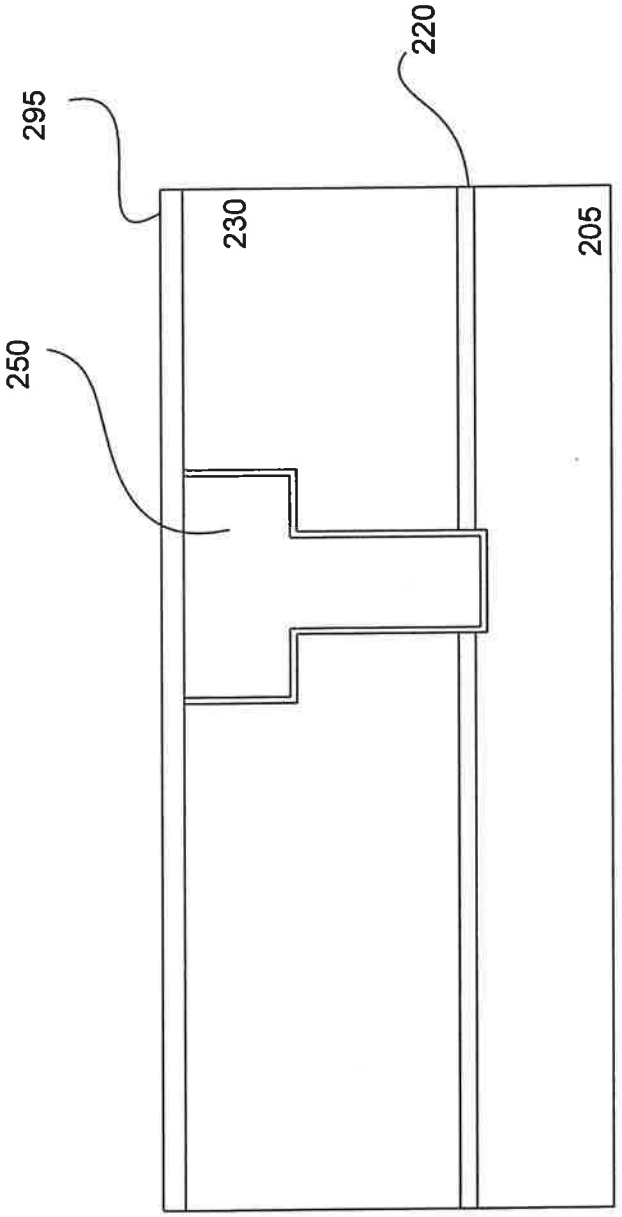



Fig. 2e

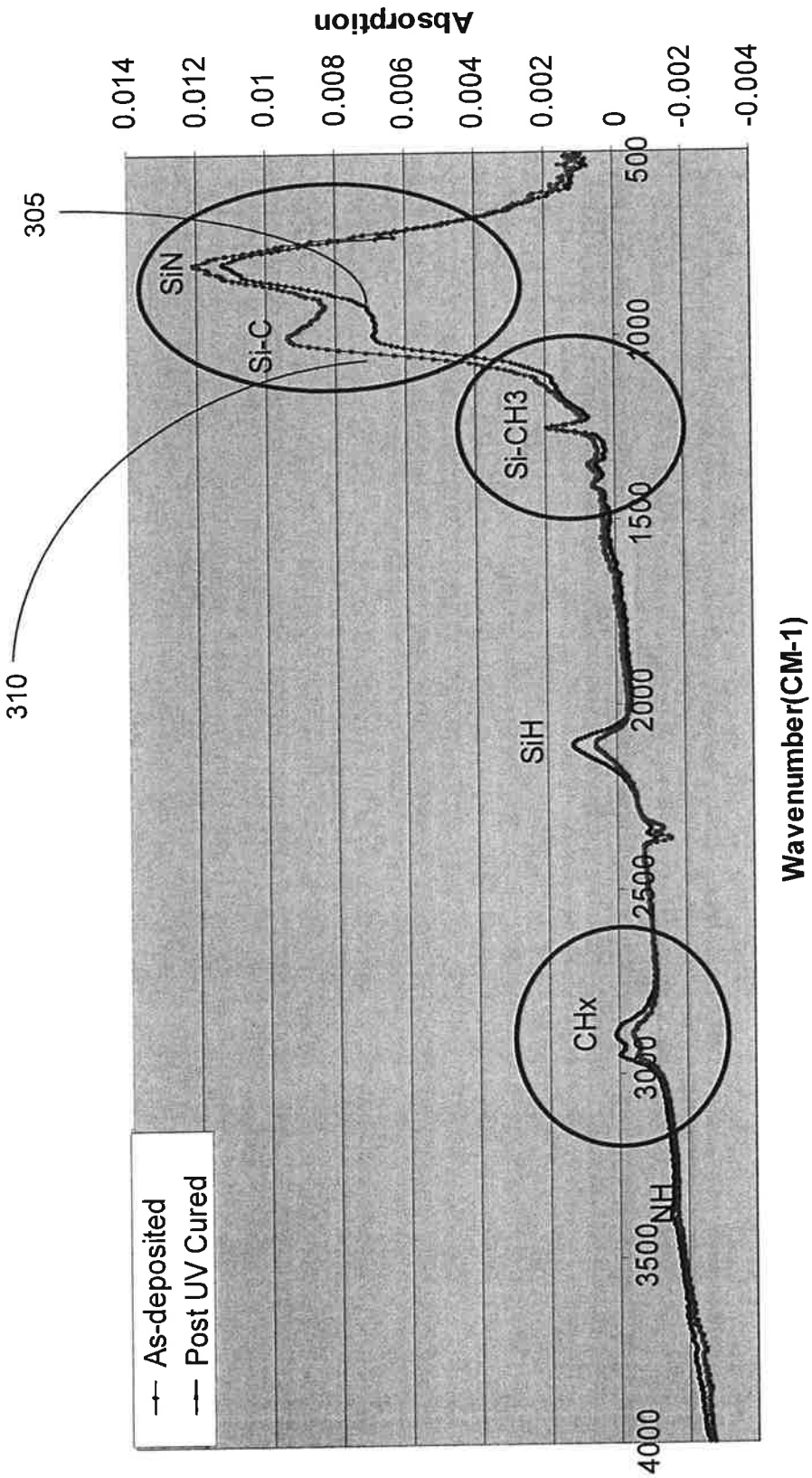

Absorption
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
-0.002
-0.004
305
310
SiN
Si-C
Si-CH3
SiH
CHx
NH
4000
3500
3000
2500
2000
1500
1000
500
Wavenumber(CM-1)
As-deposited
Post UV Cured

Fig. 3